

# Foreword

## How Forecasts Are Made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Soil Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply outlook conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via radio telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

An error is associated with each forecast, and this error decreases as the season progresses and more data becomes available. To express the range of error that can be expected, "most probable" forecasts are issued along with a range representing a "reasonable minimum" and a "reasonable maximum". Actual streamflow can be expected to fall within this range in eight out of ten years. Additionally two specific scenarios are provided based on the assumption that subsequent precipitation will be "wet", above average, or "dry", below average.

## For More Information

Copies of Monthly Water Supply Outlook Reports and other reports may be obtained from the states listed below. An annual snow survey data summary is published by the Soil Conservation Service for each of the western states. Historical snow survey data may be obtained at those same offices.

STATE	ADDRESS
Alaska	201 East 9th Ave., Suite 300, Anchorage, AK 99501-3687
Arizona	201 East Indianola Ave., Suite 200, Phoenix, AZ 85012
Colorado	2490 West 26th Ave., Building A, 3rd floor, Denver, CO 80211
Idaho	3244 Elder Street, Room 124, Boise, ID 83705
Montana	10 East Babcock, Room 443, Federal Building, Bozeman, MT 59715
Nevada	1201 Terminal Way, Room 219, Reno, NV 89502
New Mexico	517 Gold Ave. S.W., Room 3301, Albuquerque, NM 87102-3157
Oregon	1220 Southwest 3rd Ave., Room 1640, Portland, OR 97204
Utah	4402 Federal Building, 125 South State Street, Salt Lake City, UT 84147
Washington	W. 920 Riverside, Room 360, Spokane, WA 99201-1080
Wyoming	Federal Building, 100 "B" Street, Room 3124, Casper, WY 82601

In addition to state reports, a Water Supply Outlook for the Western United States is published by the Soil Conservation Service and National Weather Service monthly, January through May. Reports may be obtained from the Soil Conservation Service, West National Technical Center, 511 Northwest Broadway, Room 248, Portland, OR 97209-3489.

Water supply reports published by other agencies:

California — Snow Survey Branch, California Department of Water Resources, P.O. Box 388, Sacramento, CA 95802; British Columbia — The Ministry of Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia, V8V 1X5; Yukon Territory — Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory, Y1A3V1; Alberta, Environment Technical Services Division, 9820 106th St., Edmonton, Alberta T5K 2J6.

# Utah Water Supply Outlook and

## Federal – State – Private Cooperative Snow Surveys

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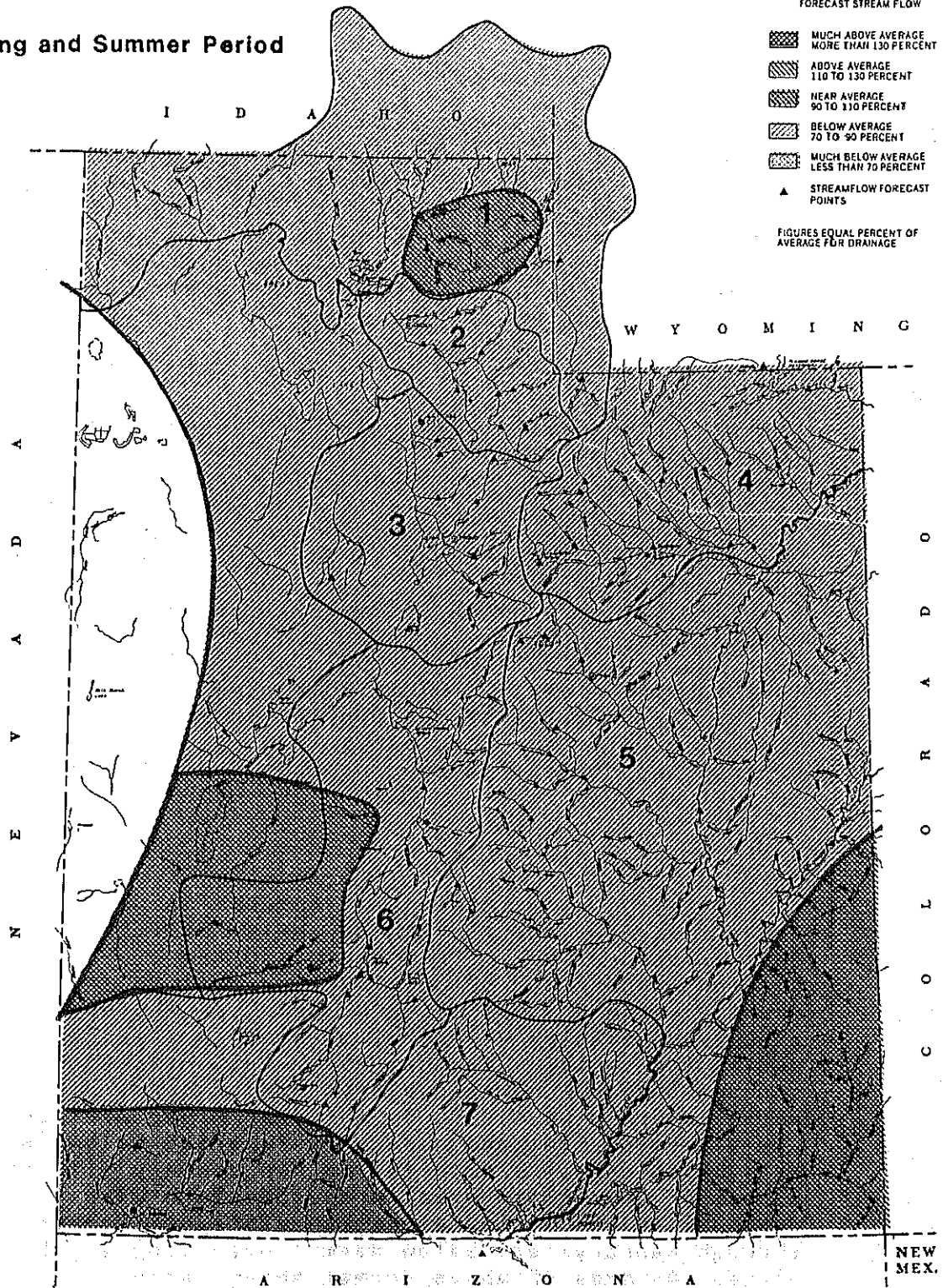
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# Streamflow Prospects for Utah

Spring and Summer Period



- 1 BEAR RIVER BASIN
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- 5 CARBON, EMERY, WAYNE, GRAND & SAN JUAN CO.
- 6 SEVIER & BEAVER RIVER BASINS
- 7 E. GARFIELD, KANE, WASHINGTON & IRON CO.

1 1/2 INCHES = 30 MILES

## GENERAL OUTLOOK

### SUMMARY

The outlook for normal to above normal streamflows have dimmed somewhat from levels forecast last month due to below normal precipitation and, thus, below normal increased accumulations to the snowpack during January. Above normal accumulations during February and March will be needed in order to assure adequate supplies in most areas this summer.

### SNOWPACK

Statewide snow water equivalent decreased by about 10% during January compared to average. The only areas showing improvement were the drainages just east of the Salt Lake Valley and the Bookcliff, Lasal and Blue Mountain area of southeastern Utah. Snowpack now ranges from less than 70% of average on the Escalante River drainage to 120% on the Jordan River tributaries north of Utah Valley (the "Six Creeks" area). Northern Utah is generally in the near average range (90% to 100%) and southern Utah is in the below average (70% to 90%) range. Snow water in the north is 10% to 60% greater than at this time last year while the reverse is true in the southern part of the State with the snowpack from 70% to 90% of last year.

### PRECIPITATION

Precipitation at mountain stations during January was generally below average to much below average. The Bear River drainage, drainages along the Utah/Colorado border and the Pine Valley/Bull Valley mountain area of southwestern Utah were the only areas reporting above normal mountain precipitation during the month. Seasonal accumulations (October through January) now range from 65% of normal in southwestern Utah to 98% on the Bear River drainages. Low elevation stations generally reported below to well below normal precipitation for January with the exception of a small area in southwestern Utah. Seasonal totals at low elevation stations (October through January) are below normal over most of the state. An area of above normal accumulation, however, exists along the north central Wasatch Front.

## RESERVOIRS

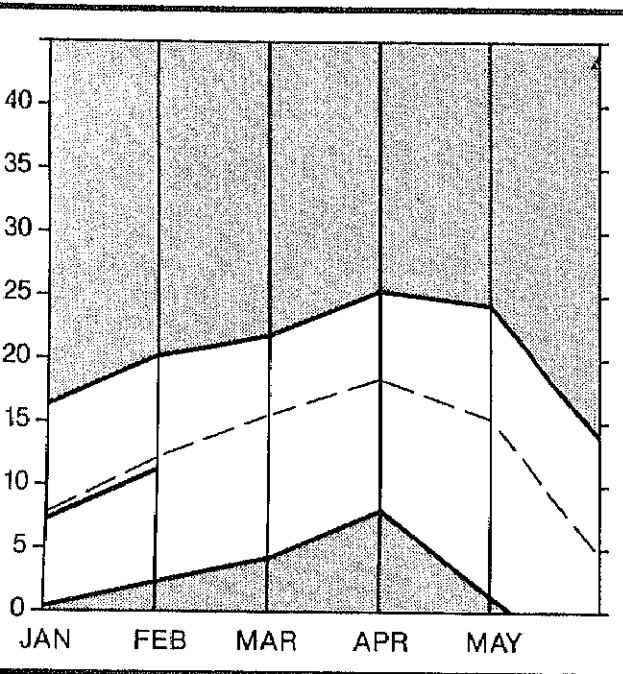
Stored water in 24 key irrigation reservoirs of the State is at 62% of usable capacity which is 94% of average for the end of January. Normally these reservoirs would be holding 66% of their cumulative capacity this time of year. Storage ranges from 22% of capacity in Moon Lake to 93% of capacity in Otter Creek Reservoir.

## STREAMFLOW

Forecasts of spring and summer streamflows now range from 54% of the April-June average on the Santa Clara near Pine Valley to 102% of the April-June average on Big Creek near Randolph assuming normal precipitation and temperature conditions from now through the end of the forecast period. Forecasts are reduced 5% to 10% generally from levels of one month ago except for some of the streams in southeastern Utah which improved slightly.

# Bear River Basin

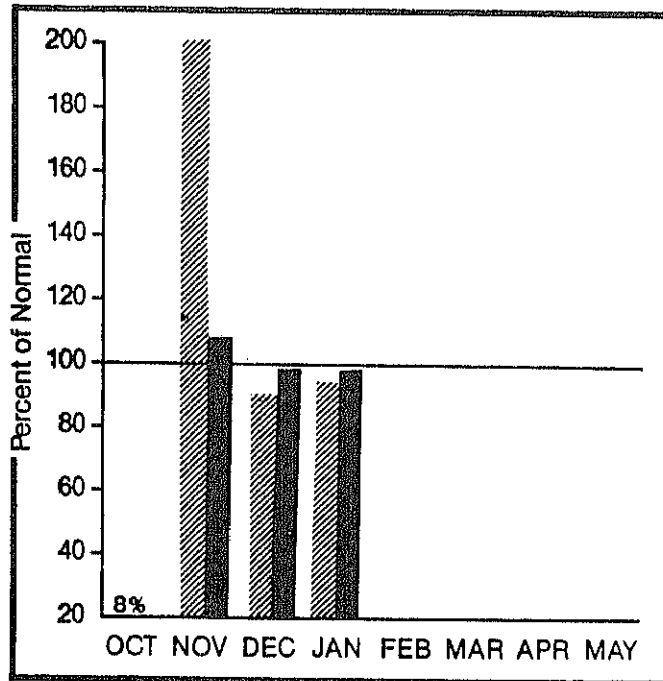
Mountain snowpack\* (inches)



\*Based on selected stations

Maximum (stippled area)  
Average (dashed line)  
Current (solid line)

Precipitation\* (percent of normal)



\*Based on selected stations

Monthly precipitation (hatched bar)  
Year to date precipitation (solid bar)

## WATER SUPPLY OUTLOOK:

The water content in the Bear River watershed snowpack is down slightly, compared to average, from one month ago at 89% but still almost one-third greater than last year. Mountain precipitation during January was 95% of average. Stream-flow forecasts now range from 70% to 102% of average. Bear Lake is 81% of the end of January average.

For more information contact your local  
Soil Conservation Service Office:  
Tremonton Field Office 801-257-5403  
Logan Field Office 801-753-5616

# BEAR RIVER BASIN

## STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	MET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
BEAR RIVER near UT-WY Stateline	APR-JUL	105	91	125	86	139	71	116
BEAR near Woodruff	APR-JUL	115	77	160	70	196	34	150
WOODRUFF CREEK near Woodruff	APR-JUL	15.0	87	18.5	11.0	19.7	10.3	17.3
BIG CREEK near Randolph	APR-JUL	5.4	102	7.0	3.8	8.3	2.5	5.3
BEAR near Randolph	APR-JUL	88	70	126	50	165	25	126
SMITHS FORK near Border	APR-SEP	88	60	113	83	173	57	123
THOMAS FORK near Stateline	APR-SEP	30	81	35	25	53	10.0	37
BEAR RIVER near Harer	APR-SEP	245	79	290	195	390	102	310
BEAR RIVER blw Stewart Dam	APR-SEP	205	89	255	157	290	119	298
CUB RIVER near Preston	APR-JUL	40	85	49	31	55	25	47
LITTLE BEAR RIVER near Paradise	APR-JUL	48	100	58	34	72	20	46
LOGAN RIVER near Logan	APR-JUL	105	88	114	96	142	68	122
BLACKSMITH FORK near Hyrum	APR-JUL	51	100	61	41	73	29	51

## RESERVOIR STORAGE (1000AF)

## WATERSHED SNOWPACK ANALYSIS

RESERVOIR	USEABLE CAPACITY:	** USEABLE STORAGE **			WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF	
		THIS YEAR	LAST YEAR	AVG.			LAST YR.	AVERAGE
BEAR LAKE	1421.0	802.0	1013.4	907.6	BEAR RIVER, UPPER IN UTAH	6	121	89
HYRUM		NO REPORT			BEAR RIVER, LOWER IN UTAH	10	133	88
PORCUPINE		NO REPORT			BEAR R. DRAINAGE IN UTAH	15	129	88
WOODRUFF NARROWS		NO REPORT			BEAR RIVER, UPPER	12	120	85
WOODRUFF CREEK		NO REPORT			BEAR RIVER, LOWER	16	197	90
					BEAR RIVER DRAINAGE	26	131	88
					LOGAN RIVER	5	131	84
					RAFT RIVER	1	178	100
					BEAR RIVER BASIN	29	132	88

MET SUBS. and DRY SUBS. represent 150 and 50 percent subsequent precipitation events respectively.

REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels with the exception of (1) below.

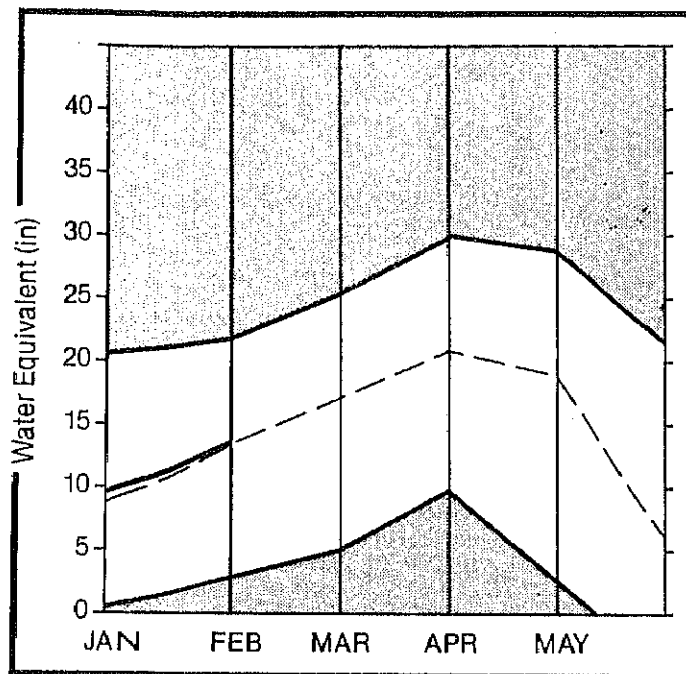
(1) - REAS. MAX. and REAS. MIN. forecasts are for 5% and 95% exceedance levels.

(2) - Corrected for upstream diversions or changes in reservoir storage.



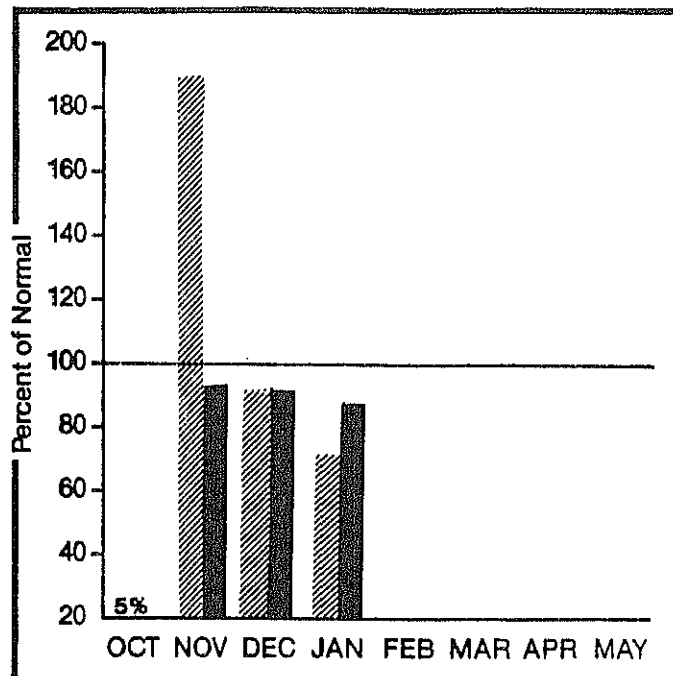
# Weber & Ogden Watersheds

Mountain snowpack\* (inches)



\*Based on selected stations

Precipitation\* (percent of normal)

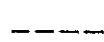


\*Based on selected stations

Maximum



Average



Minimum



Current



Monthly precipitation



Year to date precipitation



## WATER SUPPLY OUTLOOK:

Snow water content on the Weber River watershed is still above average as of the first of February at 106% but down, percentage wise, from levels measured one month ago as a result of below normal mountain precipitation during January. Forecasts of spring and summer streamflow are slightly less than last month ranging from 72% to 99% of average. Basin-wide reservoir storage is 90% of average and 53% of capacity. Pineview, however, is still only 65% of average.

For more information contact your local  
Soil Conservation Service Office:  
Layton Sub Office 801-544-9144

WEBER & OGDEN WATERSHEDS in Utah

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 / (10
SMITH AND MOOREHOUSE CREEK near Oakl	APR-JUN	25	83	29	21	34	16.6	
WEBER RIVER near Oakley	APR-JUN	85	79	100	70	118	55	
ROCKPORT RESERVOIR inflow	APR-JUN	88	72	106	67	139	42	
CHALK CREEK near Coalville	APR-JUN	35	88	42	29	52	21	
WEBER RIVER near Coalville	APR-JUN	91	72	114	69	138	50	
ECHO RESERVOIR inflow	APR-JUN	128	79	154	104	188	76	
LOST CREEK near Croyden	APR-JUN	14.0	90	16.0	12.0	22	5.6	
EAST CANYON CREEK near Morgan	APR-JUN	25	86	30	19.8	38	13.4	
HARDSCRABBLE CREEK near Porterville	APR-JUN	18.0	88	23	13.6	30	6.4	
WEBER RIVER at Gateway	APR-JUN	245	75	305	189	355	143	
SOUTH FORK OGDEN RIVER near Huntsvil	APR-JUN	49	84	64	35	68	30	
PINEVIEW RESERVOIR inflow	APR-JUN	88	80	125	71	130	63	
WHEELER CREEK near Huntsville	APR-JUN	5.7	88	7.1	4.3	7.3	3.9	
FARMINGTON CREEK near Farmington	APR-JUL	8.1	88	9.9	6.3	13.3	2.9	

RESERVOIR STORAGE					(1000AF)	WATERSHED SNOWPACK ANALYSIS		
RESERVOIR	USEABLE : CAPACITY:	** USEABLE STORAGE **			WATERSHED	NO. COURSES AVG'D	THIS YEAR	
		THIS YEAR	LAST YEAR	AVG.			LAST YR.	
CAUSEY	7.1	2.5	3.8	2.2	OGDEN RIVER	4	174	
EAST CANYON	48.1	30.2	32.8	34.7	WEBER RIVER	15	144	
ECHO	73.9	46.4	53.7	45.8	WEBER & OGDEN WATERSHEDS	19	152	
LOST CREEK	20.0	14.8	17.0	13.1				
PINEVIEW	110.1	32.1	40.1	49.8				
ROCKPORT	60.9	23.9	22.2	31.9				
WILLARD BAY	165.5	108.5	130.8	110.8				

WET SUBS. and DRY SUBS. represent 150 and 50 percent subsequent precipitation events respectively.

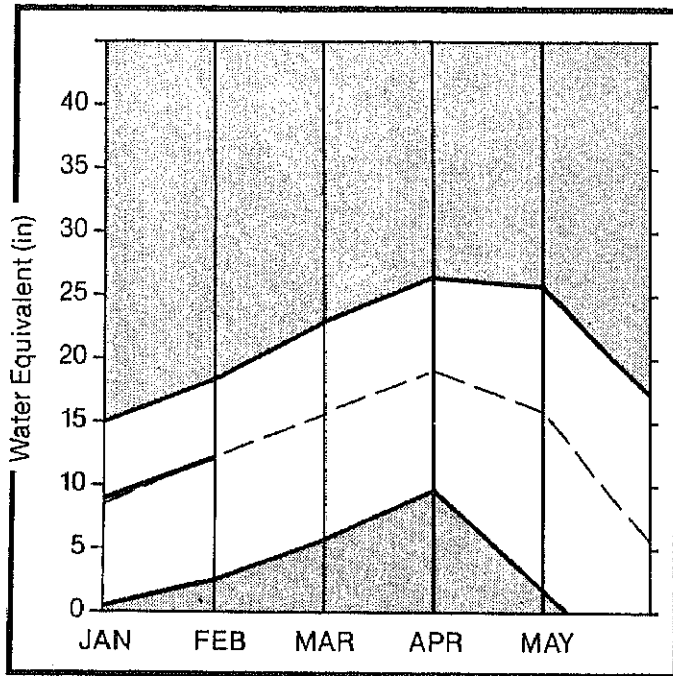
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(1) - REAS. MAX. and REAS. MIN. forecasts are for 5% and 95% exceedance levels.

(2) - Corrected for upstream diversions or changes in reservoir storage.

# Utah Lake, Jordan River & Tooele Valley

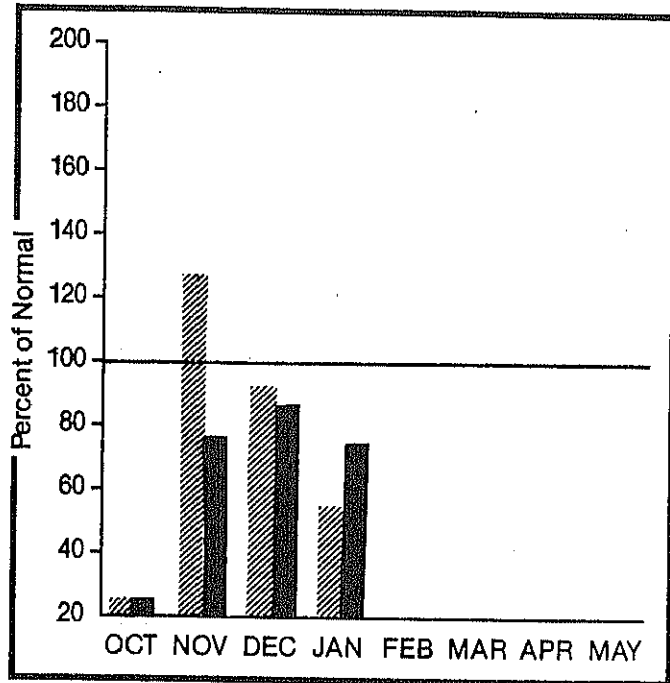
Mountain snowpack\* (inches)



\*Based on selected stations

Maximum Average Minimum Current

Precipitation\* (percent of normal)



\*Based on selected stations

Monthly precipitation Year to date precipitation

## WATER SUPPLY OUTLOOK:

Water equivalent in the Utah Lake watershed snowpack has suffered a drop of 18% from last month compared to average. The drainages just east of the Salt Lake Valley, on the other hand, increased from 113% of average on January first to 120% of average on the first of February. Forecasts of spring and summer streamflows range from 64% to 85% of the April through July average. Reservoir storage is 91% of average.

Contact your local  
 Office:  
 Phone 801-524-4373  
 Fax 801-377-5580

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
SALT CREEK near Nephi	APR-JUL	10.3	76	13.3	7.3	22	4.1	13.5
PAYSON CREEK near Payson	APR-JUL	5.5	75					7.3
SPANISH FORK near Castilla	APR-JUL	55	69					80
HOBBLE CREEK near Springville	APR-JUL	18.0	77					23
PROVO near Hailstone	APR-JUL	95	84			136	60	113
PROVO below Deer Creek Dam	APR-JUL	100	75			144	48	133
AMERICAN FORK near American Fk.	APR-JUL	24	71			32	17.5	34
UTAH LAKE inflow	APR-JUL	190	64			290	84	295
LITTLE COTTONWOOD CRK near SLC	APR-JUL	35	85			42	27	41
BIG COTTONWOOD CRK near SLC	APR-JUL	33	85			39	26	39
PARLEY'S CREEK near SLC	APR-JUL	13.0	76			18.8	8.2	17.0
MILL CREEK near SLC	APR-JUL	5.5	80			8.9	3.0	6.9
EMIGRATION CREEK near SLC	APR-JUL	3.2	70					4.6
CITY CREEK near SLC	APR-JUL	6.5	72			8.8	4.5	9.0
VERNON CREEK near Vernon	APR-JUN	0.9	75	1.0	0.8	1.6	0.2	1.2
SETTLEMENT CREEK near Tooele	APR-JUL	1.9	83	2.3	1.5	3.3	0.5	2.3
SOUTH WILLOW CREEK near Grantsville	APR-JUL	2.1	70	2.4	1.8	3.9	0.3	3.0

RESERVOIR STORAGE (1000AF)

WATERSHED SNOWPACK ANALYSIS

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE **			WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF	
		THIS YEAR	LAST YEAR	AVG.			LAST YR.	AVERAGE
DEER CREEK	149.6	91.9	108.5	94.3	PROVO RIVER & UTAH LAKE	10	108	76
GRANTSVILLE	3.3	1.5	1.6	—	PROVO RIVER	5	103	72
SETTLEMENT CREEK	1.0	0.8	0.8	0.5	JORDAN RIVER & GREAT SALT	13	103	120
STRAWBERRY-ENLARGED	951.4	389.5	478.1	—	TOOELE & VERNON W.S.'S	2	129	71
UTAH LAKE	855.5	581.0	776.7	648.6	UTAH L.-JORDAN R.-TOOELE	25	159	102
VERNON CREEK	0.6	0.4	0.4	0.5				

WET SUBS. and DRY SUBS. represent 150 and 50 percent subsequent precipitation events respectively.

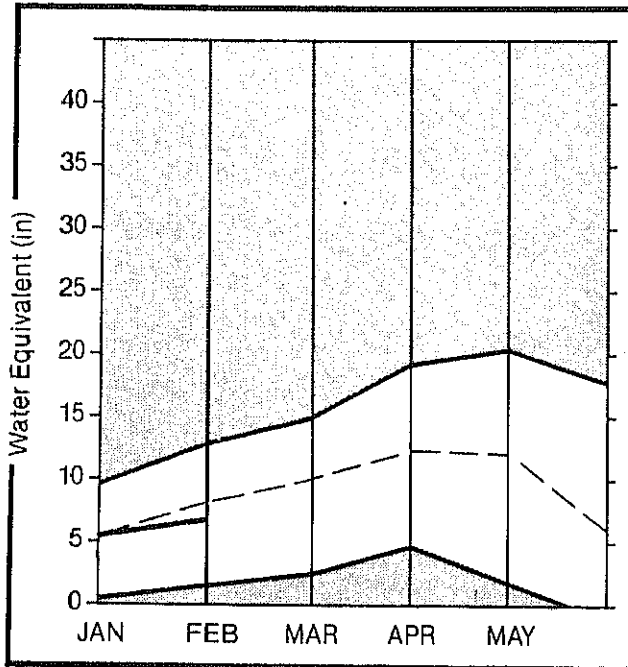
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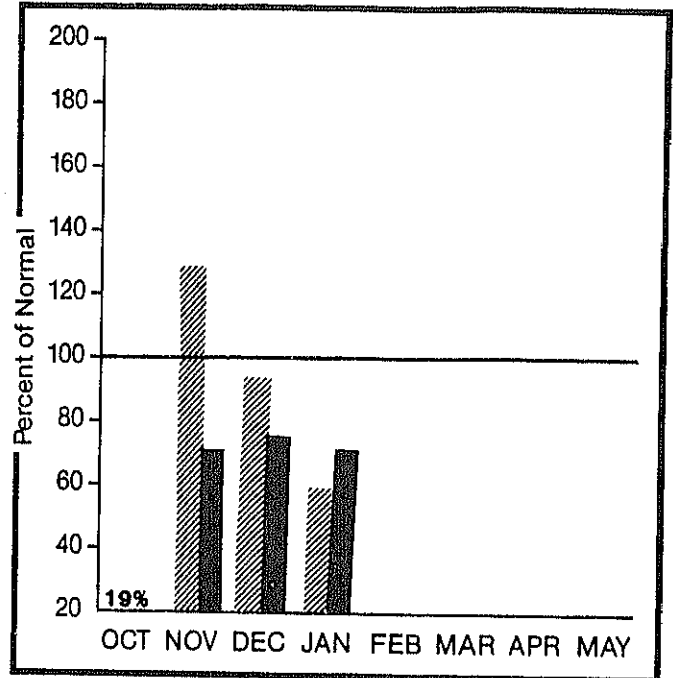
Mountain snowpack\* (inches)



\*Based on selected stations

Maximum Average Minimum Current

Precipitation\* (percent of normal)



\*Based on selected stations

Monthly precipitation Year to date precipitation

## 

Precipitation at mountain stations was only 59% of average during January which resulted in a percentage decrease of 16% compared to average. Snowpack now ranges from 70% of average on the Lakefork-Yellowstone River watershed to 99% on Black's Fork. Forecasts range from 76% to 96% of average--a general reduction of less than 10% from levels forecast last month. Reservoir storage is 118% of average, basin-wide, but only 51% of average in Moon Lake.

Contact your local  
Ice Office:  
Office 801-722-4621

# UINTAH BASIN & DAGGET SCD'S

## STREAMFLOW FORECASTS

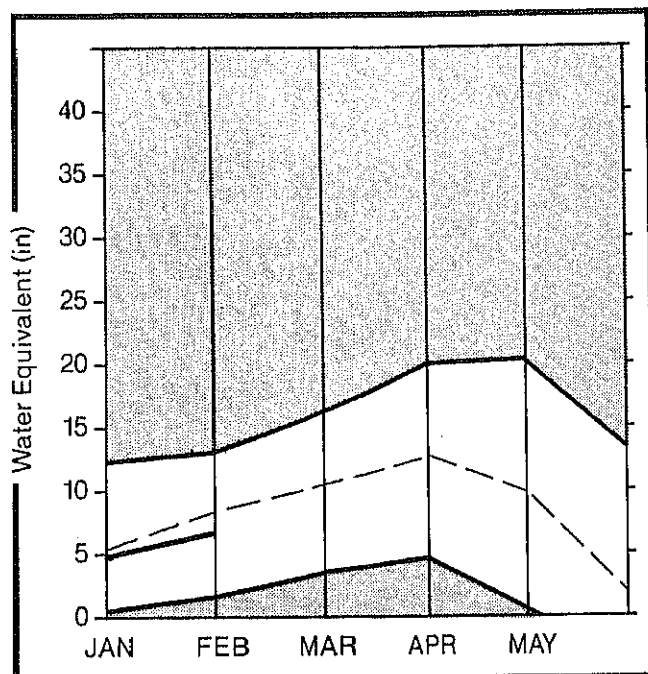
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BLACK'S FORK nr Millburne	APR-JUL	88	90	102	69	122	54	96
HENRY'S FORK nr Manila 2	APR-JUL	38	84	51	30	58	23	45
GREEN RIVER nr Greendale 2	APR-JUL	900	77			1360	640	1267
BIG BRUSH CREEK ab Red Fleet Res	APR-JUL	18.0	91	21	16.0	24	13.2	19.8
ASHLEY CREEK nr Vernal 2	APR-JUL	46	88	54	37	61	34	52
WEST FORK DUCHESNE RIVER nr Hanna	APR-JUL	25	86	30	21	32	18.0	26
DUCHESNE RIVER nr Tabiona	APR-JUL	88	80	102	75	112	61	110
ROCK CREEK nr Mountain Home	APR-JUL	80	84	88	72	108	59	95
DUCHESNE RIVER abv Knight Diversion	APR-JUL	155	80	167	143	205	107	194
STRAWBERRY RIVER inflow to Strawberr	APR-JUL	52	87	65	39	66	35	60
CURRENT CREEK nr Fruitland 2	APR-JUL	19.5	85	22	16.7	25	13.5	23
STRAWBERRY RIVER inflow to Starvation	APR-JUL	95	82	68	42	72	38	67
STRAWBERRY RIVER nr Duchesne (natural)	APR-JUL	100	83	123	76	131	70	121
LAKEFORK RIVER blw Moon Lake 2	APR-JUL	59	83	70	48	80	41	71
YELLOWSTONE RIVER nr Altonah	APR-JUL	52	79	62	43	75	29	66
DUCHESNE RIVER at Myton 2	APR-JUL	215	78	285	149	315	86	275
UINTA RIVER nr Neola	APR-JUL	78	86	92	60	113	39	88
WHITEROCKS RIVER nr Whiterocks	APR-JUL	54	90	62	44	78	30	60
DUCHESNE RIVER nr Randlett	APR-JUL	280	78	360	165	510	107	340

RESERVOIR STORAGE (1000AF)					WATERSHED SNOWPACK ANALYSIS		
RESERVOIR	USEABLE CAPACITY	USEABLE STORAGE THIS YEAR	USEABLE STORAGE LAST YEAR	USEABLE STORAGE AVG.	WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR. AVERAGE
FLAMING GORGE	3749.0	2822.4	3102.0	—	UPPER GREEN RIVER in UTAH	9	110
MOON LAKE	35.8	7.9	20.8	15.4	ASHLEY CREEK	2	137
RED FLEET	26.0	19.5	20.3	—	BLACK'S FORK RIVER	3	119
STEINAKER	33.3	16.9	28.5	19.7	SHEEP CREEK	2	103
STARVATION	165.3	151.1	160.7	113.0	DUCHESNE RIVER	12	108
STRAWBERRY-ENLARGED	951.4	398.5	476.1	—	LAKE FORK-YELLOWSTONE CK.	3	82
					STRAWBERRY RIVER	4	120
					UINTAH-WHITEROCKS RIVERS	3	133
					UINTAH BASIN & DAGGET SCD	21	100

WET SUBS. and DRY SUBS. represent 150 and 50 percent subsequent precipitation events respectively.  
 REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels with the exception of (1) below.  
 (1) - REAS. MAX. and REAS. MIN. forecasts are for 5% and 95% exceedance levels.  
 (2) - Corrected for upstream diversions or changes in reservoir storage.

# Carbon, Emery, Wayne, Grand, and San Juan Co.

Mountain snowpack\* (inches)



\*Based on selected stations

Maximum



Average



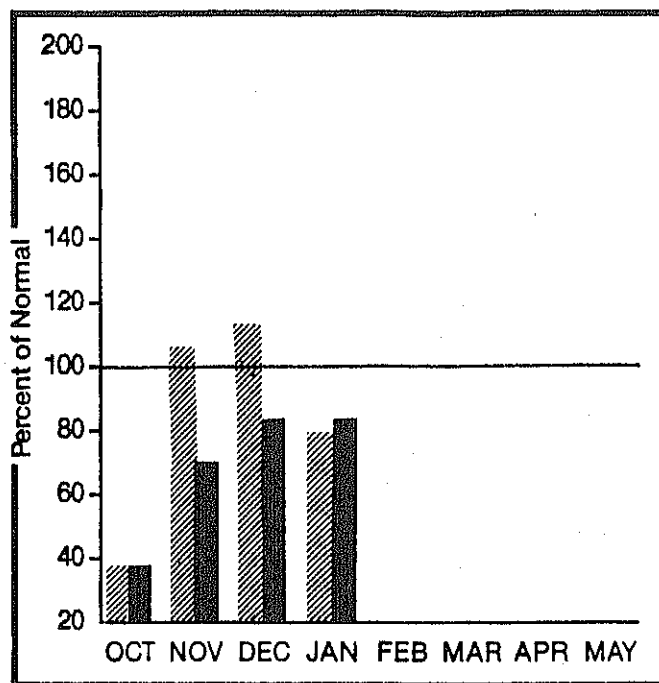
Minimum



Current



Precipitation\* (percent of normal)



\*Based on selected stations

Monthly precipitation



Year to date precipitation



## WATER SUPPLY OUTLOOK:

Southeastern Utah snow water content, compared to average, decreased during January on the Price, San Rafael, Muddy and Fremont River drainages and increased on the Lasal Mountain, Blue Mountain and Bookcliff drainages. Mountain precipitation during January ranged from 40% of average on the Fremont to 103% on the Lasals and Blues. Streamflow forecasts now range from 75% to 100% of average and generally increase the farther south you go. Reservoir storage is 104% of the February first average.

For more information contact your local  
Soil Conservation Service Office:  
Price Field Office 801-637-0041

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
GOOSEBERRY CREEK nr Scofield	APR-JUL	9.5	79			14.4	4.6	12.0
SCOFIELD RESERVOIR inflow	APR-JUL	36	78			52	24	46
PRICE RIVER nr Heiner 2	APR-JUL	50	85			71	35	59
GREEN RIVER at Green River, UT 2	APR-JUL	2400	75			3450	1350	3182
HUNTINGTON CREEK inf to Electric Lak	APR-JUL	12.5	83	14.5	10.5	18.1	8.6	15.1
HUNTINGTON CREEK nr Huntington 2	APR-JUL	42	76			62	28	55
COTTONWOOD CREEK nr Orangeville 2	APR-JUL	37	79	48	26	55	19.1	47
FERRON CREEK nr Ferron	APR-JUL	35	83	43	26	52	18.2	41
COLORADO nr Cisco, UT 2	APR-JUL	2900	84			4590	1560	3443
MILL CREEK nr Moab	APR-JUL	5.3	86	5.6	5.0	7.9	2.7	5.5
SEVEN MILE CREEK nr Fish Lake	APR-JUL	5.8	89	6.4	5.2	8.9	2.7	6.5
MUDDY CREEK nr Emery	APR-JUL	20	85	25	15.6	30	9.9	21
SAN JUAN RIVER nr Archuleta 2	APR-JUL	730	96	775	690	1100	440	764
SAN JUAN nr Bluff, UT 2	APR-JUL	1090	100			1710	590	1091

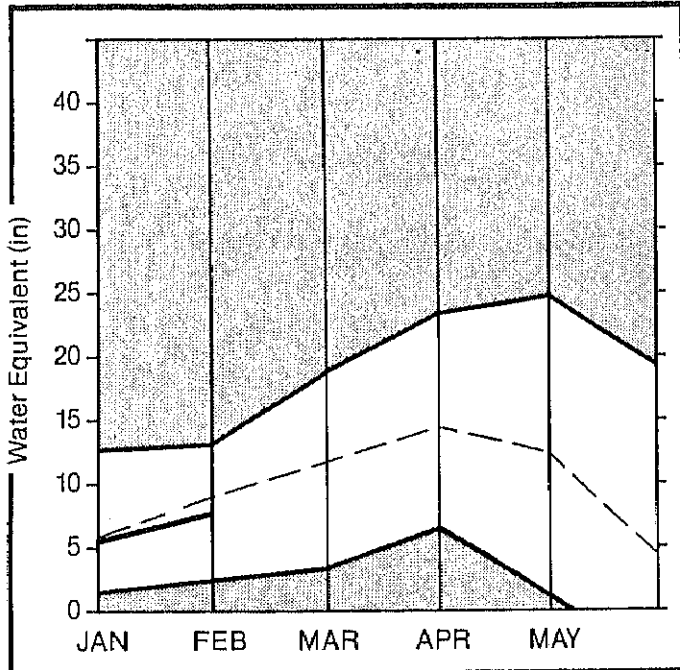
RESERVOIR STORAGE					(1000AF)	WATERSHED SNOWPACK ANALYSIS			
RESERVOIR	USEABLE CAPACITY:	** USEABLE STORAGE **			WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF		
		THIS YEAR	LAST YEAR	AVG.			LAST YR.	AVERAGE	
HUNTINGTON NORTH	3.9	2.3	3.6	2.9	PRICE RIVER	3	90	85	
JOE'S VALLEY	61.6	39.6	43.5	43.6	SAN RAFAEL RIVER	7	92	86	
KEN'S LAKE	2.3	0.0	0.9	—	MUDDY RIVER	2	135	94	
MILL SITE	16.7	12.2	5.9	3.5	FREMONT RIVER	4	85	80	
SCOFIELD	65.8	30.0	30.5	31.3	LASAL MOUNTAINS	2	88	92	
					BLUE MOUNTAINS	2	84	86	
					WILLOW CREEK - WHITE RIVE	3	108	80	
					SOUTHEASTERN UTAH	22	90	85	

WET SUBS. and DRY SUBS. represent 150 and 50 percent subsequent precipitation events respectively.  
 REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels with the exception of (1) below.  
 (1) - REAS. MAX. and REAS. MIN. forecasts are for 5% and 95% exceedance levels.  
 (2) - Corrected for upstream diversions or changes in reservoir storage.



# Sevier & Beaver River Basins

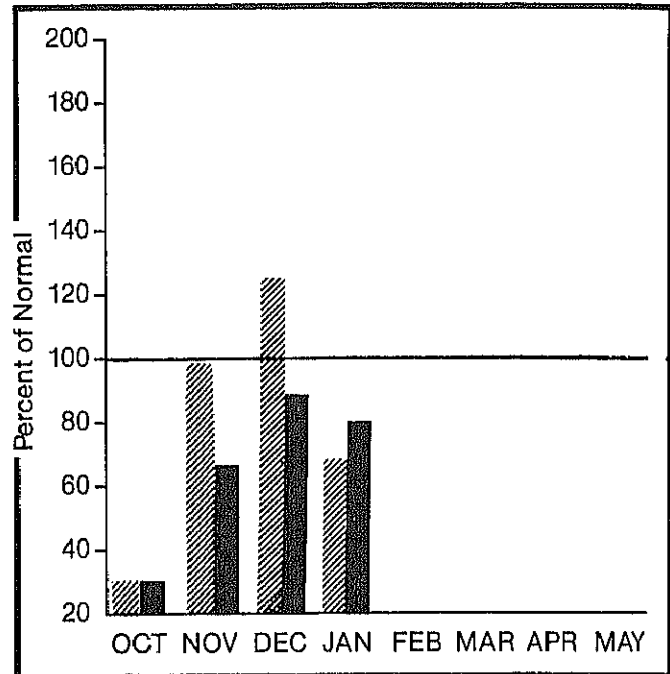
Mountain snowpack\* (inches)



\*Based on selected stations

Maximum  Average   
Minimum  Current 

Precipitation\* (percent of normal)



\*Based on selected stations

Monthly precipitation  Year to date precipitation 

## WATER SUPPLY OUTLOOK:

Snowpack on the Sevier River watershed is 85% of last year and 87% of average for the first of February. This represents a decrease of 11%, compared to average, from the January first figures. Mountain precipitation during January was 68% of normal. Projections of streamflow for the upcoming irrigation season range from 68% to 97% of average--down slightly from last month. Reservoir storage is 163% of average.

contact your local  
Service Office:  
Office 801-896-6261  
Office 801-743-6655

## SEVIER &amp; BEAVER RIVER BASINS

## STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
SEVIER at Hatch	APR-JUL	40	77			64	20	52
SEVIER near Circleville	APR-JUL	38	60					44
SEVIER near Kingston	APR-JUL	25	74			58	0.2	34
ANTIMONY CREEK near Antimony	APR-JUL	6.5	73					8.9
E F SEVIER near Kingston	APR-JUL	18.0	75			36	9.1	24
SEVIER b/w Piute Dam	APR-JUL	45	60			94	9.2	56
CLEAR CREEK near Sevier	APR-JUL	17.5	60					22
SIGURD to GUNNISON	APR-JUL	35	60			68	11.2	44
KINGSTON to VERMILLION DAM	APR-JUN	32	60					40
VERMILLION DAM to GUNNISON	MAR-JUN	40	74					54
SALINA CREEK at Salina	APR-JUN	14.0	77					18.2
PLEASANT CREEK near Pleasant	APR-JUL	8.5	74					11.5
EPHRAIM CREEK near Ephraim	APR-JUL	17.0	68					25
SEVIER nr Gunnison	APR-JUL	75	75					99
CHICKEN CREEK near Levan	APR-JUL	2.9	63	3.6	2.2	4.2	1.6	3.5
OAK CREEK near Oak City	APR-JUL	1.3	61	1.5	1.1	2.7	0.6	1.6
CHALK CREEK near Fillmore	APR-JUL	15.0	91			23	7.1	16.4
BEAVER RIVER near Beaver	APR-JUL	25	93	30	19.1	43	11.0	27
NORTH CREEK near Beaver (combined)	APR-JUL	14.0	96	18.4	9.2	27	1.3	14.6
MINERSVILLE RESERVOIR inflow	APR-JUN	13.9	97	17.8	9.8	23	4.9	14.3

RESERVOIR STORAGE		(1000AF)			WATERSHED SNOWPACK ANALYSIS		
RESERVOIR	USEABLE CAPACITY	THIS YEAR	LAST YEAR	AVG.	WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR. AVERAGE
GUNNISON	20.3	9.3	12.4	11.7	U SEVIER (s of Richfield)	11	60 63
MINERSVILLE (RkyFd)	26.0	16.9	16.5	11.2	EAST FORK SEVIER RIVER	4	70 61
OTTER CREEK	52.7	48.9	48.7	27.5	SOUTH FORK SEVIER RIVER	7	65 64
PIUTE	71.8	56.8	57.4	36.9	LOWER SEVIER RIVER	12	60 67
SEVIER BRIDGE	236.0	175.3	176.9	101.1	BEAVER RIVER	3	60 60
PANQUITCH LAKE	22.3	17.4	16.7	—	SEVIER & BEAVER R. BASINS	26	65 67

WET SUBS. and DRY SUBS. represent 150 and 50 percent subsequent precipitation events respectively.

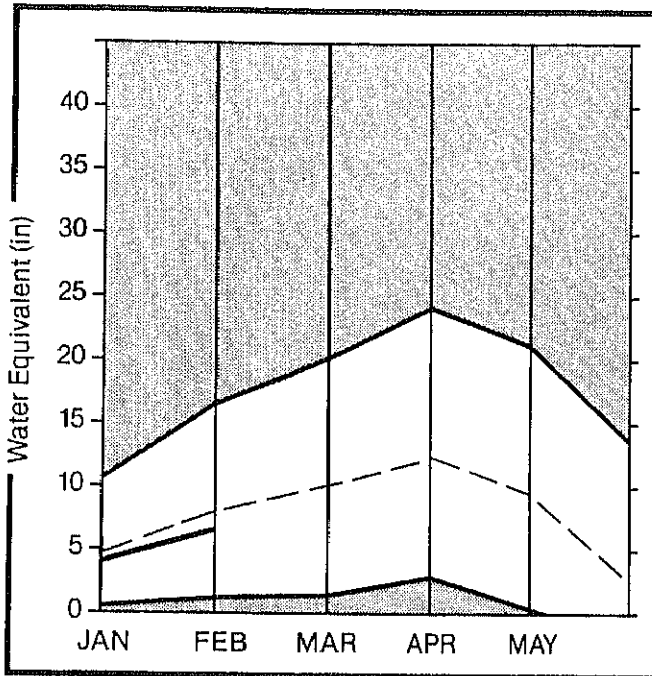
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels with the exception of (1) below.

(1) - REAS. MAX. and REAS. MIN. forecasts are for 5% and 95% exceedance levels.

(2) - Corrected for upstream diversions or changes in reservoir storage.

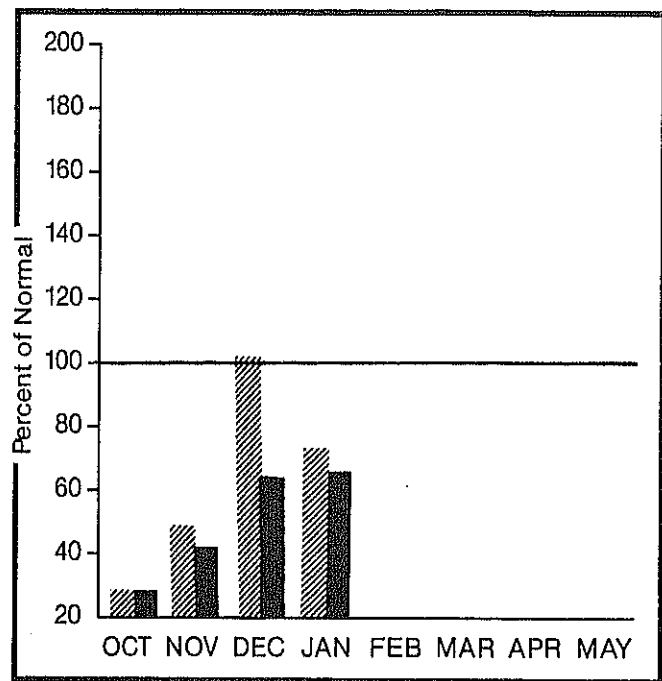
# E. Garfield, Kane, Washington, & Iron Co.

Mountain snowpack\* (Inches)



\*Based on selected stations

Precipitation\* (percent of normal)



\*Based on selected stations

Maximum



Average



Minimum



Current



Monthly precipitation



Year to date precipitation



## WATER SUPPLY OUTLOOK:

Snowpack in southwestern Utah ranges from 68% of normal February first water equivalent on the Virgin River watershed to 96% on the Enterprise to New Harmony drainages. Precipitation at mountain stations was 74% of normal during January. Stream-flow forecasts are generally down from last month ranging from 54% to 79% of average. Gunlock Reservoir is 83% of capacity but storage in the Enterprise reservoirs remains extremely low.

For more information contact your local  
Soil Conservation Service Office:  
Cedar City Field Office 801-586-2429

E. GARFIELD, KANE, WASHINGTON, & IRON Co.

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
COAL CREEK near Cedar City	APR-JUL	15.0	75			24	9.2	20
COLORADO RIVER inf to Lake Powell 2	APR-JUL	6400	79	8580	4220	9630	3570	8086
VIRGIN near Hurricane	APR-JUN	45	66			77	14.4	68
SANTA CLARA near Pine Valley	APR-JUN	2.7	54					5.0

RESERVOIR STORAGE (1000AF)					WATERSHED SNOWPACK ANALYSIS		
RESERVOIR	USEABLE CAPACITY:	** USEABLE STORAGE **			WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR. AVERAGE
		THIS YEAR	LAST YEAR	AVG.			
GUNLOCK	10.4	0.6	7.5	---	VIRGIN RIVER	5	72 79
LAKE POWELL	25002.0	0.0	0.0	---	PAROWAN	4	69 78
QUAIL CREEK		NO REPORT			ENTERPRISE TO NEW HARMONY	2	65 66
UPPER ENTERPRISE	10.0	0.5	0.0	---	COAL CREEK	3	62 77
LOWER ENTERPRISE	2.6	0.1	0.0	---	ESCALANTE RIVER	2	57 68
					SOUTHWESTERN UTAH	12	72 80

WET SUBS. and DRY SUBS. represent 150 and 50 percent subsequent precipitation events respectively.  
 REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels with the exception of (1) below.  
 (1) - REAS. MAX. and REAS. MIN. forecasts are for 5% and 95% exceedance levels.  
 (2) - Corrected for upstream diversions or changes in reservoir storage.

## SNOW MEASUREMENT DATA

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
ALTA CENTRAL	8800	1/31	66	26.5	16.1	26.0
ASHLEY TWIN LAKES	10500				-	10.5
ATWOOD LAKE	10840	1/30	-	4.2E	5.2	7.5
ATWOOD LAKE SNOTEL	10840	1/30	-	4.2	4.4	6.4
BEAVER CREEK DIVIDE	8280	1/30	-	4.9E	6.5	8.9
BEAVER DIVIDE SNOTL	8280	1/30	-	4.9	6.1	9.9
BEAVER DAMS	8000	1/30	-	6.5E	6.5	7.7
BEAVER DAMS SNOTEL	8000	1/30	-	6.2	8.2	7.7
BEN LOMOND PEAK	8000	1/30	-	27.5E	14.3	23.7
BEN LOMOND PK SNOTL	8000	1/30	-	28.3	15.7	25.5
BEN LOMOND TRAIL	6000	1/30	-	14.2E	8.4	12.5
BEN LOMOND TR SNOTL	6000	1/30	-	20.2	9.4	14.6
BEVAN'S CABIN	6450				-	5.5
BIG FLAT	10290	1/30	-	10.7E	14.2	11.2
BIG FLAT SNOTEL	10290	1/30	-	11.4	14.2	9.5
BIRCH CROSSING	8100	1/26	21	5.0	6.2	4.9
BLACK'S FLAT-U.M. CK	9400	1/30	-	5.3E	5.5	7.3
BLACK FLAT-U.M. CK S	9400	1/30	-	5.1	5.4	7.3
BLACK'S FORK	9200	1/30	-	8.0E	6.0	8.4
BLACK'S FORK GS-EF	9340	1/30	-	6.5E	4.6	6.0
BLACK'S FORK JUNCTN	8930	1/30	-	7.0E	5.9	6.4
BOX CREEK	9300	1/30	-	7.8E	8.9	8.3
BOX CREEK SNOTEL	9300	1/30	-	7.5	8.7	8.2
BRIAN HEAD	10000	1/30	-	9.1E	14.2	13.0
BRIGHTON	8750	1/30	-	20.8E	10.5	22.9
BRIGHTON SNOTEL	8750	1/30	-	18.2	11.2	22.9
BRIGHTON CABIN	8700	1/31	52	18.3	11.1	17.6
BROWN DUCK RIDGE	10600	1/30	-	8.4E	10.3	13.2
BROWN DUCK SNOTEL	10600	1/30	-	8.2	9.5	12.4
BRYCE CANYON	8000	1/26	13	2.0	3.6	3.4
BUCK FLAT	9800	1/30	-	10.2E	8.5	11.0
BUCK FLAT SNOTEL	9800	1/30	-	10.2	9.4	11.4
BUCK PASTURE	9700				-	11.8
BUCKBOARD FLAT	9000	1/24	33	7.4	9.0	8.6
BUG LAKE	7950	1/30	-	9.4E	9.4	12.8
BUG LAKE SNOTEL	7950	1/30	-	9.7	11.3	13.4
BURT'S-MILLER RANCH	7900	1/30	-	4.0E	3.1	3.7
CAMP JACKSON	8600	1/24	33	8.3	9.8	9.3
CAMP JACKSON SNOTEL	8600	1/30	-	8.3	9.0	9.3
CASTLE VALLEY	9580	1/30	-	6.3E	9.5	8.1
CASTLE VALLEY SNOTL	9580	1/30	-	6.4	10.2	8.4
CHALK CREEK #1	9100	1/30	-	14.4E	12.4	14.8
CHALK CK #1 SNOTEL	9100	1/30	-	14.0	12.3	14.8
CHALK CREEK #2	8200	1/30	-	9.9E	7.7	9.6

## SNOW MEASUREMENT DATA (cont.)

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
CHALK CK #2 SNOTEL	8200	1/30	-	9.6	8.6	9.6
CHALK CREEK #3	7500	1/30	-	5.8E	5.2	5.5
CHEPETA	10300	1/30	-	9.5E	5.8	9.1
CHEPETA SNOTEL	10300	1/30	-	7.7	5.9	7.6
CHEPETA-WHITERKS. LK	10350				-	9.6
CITY CREEK	7500	2/01	56	19.9	11.3	19.2
CLEAR CREEK MEADOWS	9420	1/30	-	16.6E	9.3	15.2
CLEAR CREEK RIDGE #1	9200	1/30	-	10.6E	8.2	12.5
CLEAR CK RIDG #1 SNT	9200	1/30	-	11.2	9.6	13.6
CLEAR CREEK RIDGE #2	8000	1/30	-	8.0E	6.2	9.8
CLEAR CK RIDG #2 SNT	8000	1/30	-	7.9	6.2	9.8
CLEAR CREEK RIDGE #3	6600	1/30	-	4.6E	4.0	5.7
CURRANT CREEK	8000	1/30	-	5.8E	3.7	7.4
CURRANT CREEK SNOTEL	8000	1/30	-	6.1	4.6	8.1
DANIELS-STRAWBERRY	8000	1/30	-	8.8E	6.2	10.2
DANIELS-STRAWBERRY S	8000	1/30	-	9.5	10.4	11.4
DESERET PEAK	9250	1/30	-	9.4E	-	17.5
DESERET PEAK AM	9250				-	17.5
DESERET PEAK SNOTEL	9250	1/30	-	9.4	-	17.5
DILL'S CAMP	9200	1/30	-	7.4E	5.3	7.9
DILL'S CAMP SNOTEL	9200	1/30	-	7.9	6.7	8.7
DONKEY RESERVOIR	9800	1/30	-	3.4E	5.0	4.8
DONKEY RESERVOIR SNO	9800	1/30	-	3.3	4.8	4.8
DRY BREAD POND	8350	1/30	-	16.5E	8.7	12.2
DRY BREAD POND SNOTL	8350	1/30	-	19.8	12.5	15.0
DUCK CREEK R.S.	8700	1/30	-	6.9E	6.7	8.8
EAST SHINGLE LAKE	9800				-	18.4
EAST WILLOW CREEK	8250	1/30	-	4.8E	5.9	7.9
EAST WILLOW CREEK SN	8250	1/30	-	4.8	6.5	7.9
FARMINGTON CANYON	8000	1/26	69	23.8	12.6	19.7
FARMINGTON CN SNOTEL	8000	1/30	-	24.8	10.3	19.1
FARMINGTON CANYON L.	6950	1/26	-	18.6E	10.1	14.9
FARNSWORTH LAKE	9600	1/30	-	11.1E	10.7	11.9
FARNSWORTH LK SNOTEL	9600	1/30	-	10.6	10.3	11.7
FISH LAKE	8700	1/30	-	4.3E	5.7	5.6
FIVE POINT LAKE	10920				8.7	10.1
FIVE POINTS LAKE SNO	10920	1/30	-	7.6	6.5	7.9
FRANCES FLATS	6700	2/01	46	15.0	9.1	15.9
G.B.R.C. HEADQUARTER	8700	1/30	-	7.1E	11.3	10.4
G.B.R.C. MEADOWS	10000	1/30	-	10.8E	15.9	14.4
GARDEN CITY SUMMIT	7600	1/30	-	7.1E	7.7	11.8
GEORGE CREEK	8840				-	14.2
GOOSEBERRY R.S.	8000	1/30	-	7.4E	10.3	7.4
GOOSEBERRY R.S. SNOT	8000	1/30	-	6.3	8.3	7.6
HARDSCRABBLE	6700	1/30	-	16.9E	9.4	13.5

## SNOW MEASUREMENT DATA (cont.)

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
HARRIS FLAT	7700	1/30	-	4.1E	4.0	5.9
HARRIS FLAT SNOTEL	7700	1/30	-	3.5	2.9	5.3
HAYDEN FORK	9400	1/30	-	8.1E	7.5	9.8
HAYDEN FORK SNOTEL	9100	1/30	-	8.8	9.1	10.9
HENRY'S FORK	10000				-	9.5
HEWINTA G.S.	9500	1/30	-	5.4E	5.9	6.1
HEWINTA SNOTEL	9500	1/30	-	5.2	7.6	6.1
HICKERSON PARK	9100	1/30	-	4.2E	6.0	5.0
HICKERSON PARK SNOTE	9100	1/30	-	4.1	6.7	5.0
HIDDEN SPRINGS	5500	2/01	24	7.9	4.1	6.3
HOLE-IN-THE-ROCK	9150	1/30	-	3.4E	4.8	4.0
HOLE-IN-ROCK SNOTEL	9150	1/30	-	3.3	5.0	4.0
HOLE-IN-THE-ROCK GS	8300				2.0	1.7
HOBBLE CREEK SUMMIT	7420	1/30	-	8.9E	7.7	10.2
HORSE RIDGE	8260	1/30	-	13.4E	9.9	14.3
HORSE RIDGE SNOTEL	8260	1/30	-	15.1	10.8	16.6
HUNTINGTON-HORSESHOE	9800	1/30	-	13.7E	15.3	16.1
INDIAN CANYON	9100	1/30	-	5.9E	6.9	8.4
INDIAN CANYON SNOTEL	9100	1/30	-	5.3	5.9	7.8
JOHNSON VALLEY	8850	1/30	-	5.2E	5.1	5.0
KILFOIL CREEK	7300	1/30	-	9.6E	6.8	9.8
KILLYON CANYON	6300	2/02	10	40.0	7.5	8.7
KIMBERLY MINE (UPPER)	9300	1/30	-	9.9E	10.6	9.8
KIMBERLY MINE SNOTEL	9300	1/30	-	8.6	10.6	8.8
KING'S CABIN (UPPER)	8730	1/30	-	5.5E	2.9	6.9
KING'S CABIN SNOTEL	8730	1/30	-	5.9	4.0	7.6
KLONDIKE NARROWS	7400	1/30	-	11.5E	8.8	13.4
KOLOB-CRYSTAL	9250	1/30	-	9.6E	16.4	13.9
KOLOB SNOTEL	9250	1/30	-	8.8	16.1	13.4
LAKEFORK BASIN	10900				7.4	13.2
LAKEFORK BASIN SNOTE	10900	1/30	-	9.6	9.0	10.2
LAKEFORK MOUNTAIN #1	10100	1/30	-	6.0E	7.0	7.2
LAKEFORK #1 SNOTEL	10100	1/30	-	6.5	6.3	8.0
LAKEFORK MOUNTAIN #3	8400	1/30	-	3.2E	4.1	4.6
LAMBS CANYON	7400	1/31	42	13.4	8.8	11.3
LASAL MOUNTAIN LOWER	8800	1/25	30	6.3	7.2	6.5
LASAL MOUNTAIN (UPP)	9850	1/25	43	9.9	11.2	11.1
LASAL MOUNTAIN SNOTF	9850	1/30	-	7.2	9.0	8.5
		1/30	-		13.1	15.2
		1/30	-	10.0	10.5	16.6
		1/30	-	7.1E	6.1	9.6
		1/30	-	5.6	6.0	10.3
		1/30	-	10.0E	5.0	7.7
			-	10.5E	5.6	8.7
			-	11.5	7.1	10.0

## SNOW MEASUREMENT DATA (cont.)

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
LITTLE GRASSY CREEK	6100	1/30	-	4.9E	4.6	3.6
LITTLE GRASSY SNOTEL	6100	1/30	-	4.7	5.1	3.6
LONG FLAT	8000	1/30	-	3.3E	5.1	4.9
LONG FLAT SNOTEL	8000	1/30	-	4.3	6.6	6.5
LONG VALLEY JCT.	7500	1/30	-	5.9E	1.4	4.3
LONG VALLEY JCT. SNT	7500	1/30	-	5.7	3.4	4.7
LOOKOUT PEAK	8200				-	11.4
LOOKOUT PEAK SNOTEL	8200	1/30	-	17.4	-	11.4
LOST CREEK RESERVOIR	6130	1/30	-	4.5E	2.6	4.1
MAMMOTH-COTTONWOOD	8800	1/30	-	11.3E	13.3	14.0
MAMMOTH-COTTONWD SNT	8800	1/30	-	10.6	11.3	13.7
MERCHANT VALLEY (UP)	8750	1/30	-	7.5E	8.9	7.7
MERCHANT VALLEY SNOT	8750	1/30	-	8.3	8.0	7.1
MIDDLE BEAVER CREEK	8650				-	3.0
MIDDLE CANYON	7000				-	8.7
MIDWAY VALLEY	9800	1/30	-	9.6E	17.4	13.4
MIDWAY VALLEY SNOTEL	9800	1/30	-	9.5	18.1	13.6
MILL CREEK	6950	1/30	47	15.4	9.1	12.3
MILL-D SOUTH FORK	7400	1/30	42	13.5	9.0	13.0
MILL-D NORTH	8960				-	18.6
MILL-D NORTH SNOTEL	8960	1/30	-	18.2	-	18.6
MINING FORK	8000				-	19.3
MINING FORK SNOTEL	8000	1/30	-	9.1	-	19.3
MONTE CRISTO R.S.	8960	1/30	-	18.0E	12.3	16.1
MONTE CRISTO SNOTEL	8960	1/30	-	19.8E	14.9	18.3
MOSBY MOUNTAIN (LOW)	9500	1/30	-	4.7E	5.0	6.5
MOSBY MTN. SNOTEL	9500	1/30	-	5.2	4.8	7.2
MT. BALDY R.S.	9500	1/30	-	13.3E	12.4	15.3
MUD CREEK #2	8600	1/30	-	6.9E	8.4	9.2
OAK CREEK	7760	1/30	-	5.9E	6.1	7.9
ONE MILE SUMMIT	7330				-	3.8
OTTER LAKE	9600	1/30	-	8.8E	10.7	8.4
PANQUITCH LAKE	8200	1/30	-	2.9E	4.1	4.1
PARADISE PARK	10100	1/30	-	7.5E	5.5	9.2
PARLEY'S CANYON SUM.	7500	1/31	46	14.4	9.1	12.4
PARLEY'S CANYON SNOT	7500	1/30	-	14.4	9.1	13.4
PAYSON R.S.	8050	1/30	-	9.3E	10.4	12.2
PAYSON R.S. SNOTEL	8050	1/30	-	10.6	10.8	14.4
PICKLE KEG SPRING	9600	1/30	-	9.2E	8.2	10.2
PICKLE KEG SNOTEL	9600	1/30	-	9.6	9.9	1
PINE CANYON	8000	1/30	-	12.0E	8.0	
PINE CREEK	8800	1/30	-	11.2E	12.5	
PINE CREEK SNOTEL	8800	1/30	-	12.4E	12	
REDDEN MINE LOWER	8500	1/30	-	7.1E	7	
RED PINE RIDGE	9200	1/30	-	8.9E	1	



## SNOW MEASUREMENT DATA (cont.)

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
RED PINE RIDGE SNOTE	9200	1/30	-	10.4	10.7	13.3
REES'S FLAT	7300	1/30	-	7.3E	8.4	8.8
REYNOLDS PARK	10400				-	10.7
ROCK CREEK	7900	1/30	-	4.9E	4.7	5.7
ROCK CREEK SNOTEL	7900	1/30	-	5.0	5.4	5.9
ROCKY BASIN-SETTLEMT	8900	1/30	-	14.7E	9.5	18.9
ROCKY BN-SETTLEMT SN	8900	1/30	-	11.9	9.2	15.7
SEELEY CREEK R.S.	10000	1/30	-	7.6E	11.4	10.3
SEELEY CREEK SNOTEL	10000	1/30	-	7.3	7.4	10.2
SERGEANT LAKES	8300				-	11.2
SHINGLE MILL	6200	1/30	30	8.2	7.1	6.4
SILVER LAKE (BRIGHT.)	8730	1/30	47	15.8	9.6	16.1
SMITH & MOREHOUSE	7600	1/30	-	8.5E	5.8	8.9
SMITH MOREHOUSE SNTL	7600	1/30	-	8.6	7.0	9.3
SNOWBIRD GAD VALLEY	9700	1/28	79	27.0	13.0	24.6
SOAPSTONE R.S.	7800	1/30	-	5.1E	6.5	8.5
SPIRIT LAKE	10300	1/30	-	8.0E	5.9	7.8
SQUAW SPRINGS	9300	1/30	-	4.5E	5.2	4.7
STEEL CREEK PARK	10100	1/30	-	9.1E	8.5	10.5
STEEL CREEK PARK SNO	10100	1/30	-	8.6	8.2	10.0
STILLWATER CAMP	8550	1/30	-	7.4E	5.3	7.0
STRAWBERRY DIVIDE	8400	1/31	36	11.6	9.9	12.8
STRAWBERRY DIVIDE SN	8400	1/30	-	9.6	9.7	13.0
STUART R.S.	7950	1/30	-	5.1E	5.7	6.2
SUSC RANCH	8200	1/26	20	4.8	6.3	5.8
TALL POLES	8800	1/26	29	6.4	9.7	9.1
THAYNES CANYON	9200	2/03	64	15.0	9.5	14.0
THAYNES CANYON SNOTL	9200	1/30	-	12.5	-	14.0
THISTLE FLAT	8500				-	9.9
TIMPANOGOS DIVIDE	8140	1/30	-	13.8E	11.5	16.9
TIMPANOGOS DIVIDE SN	8140	1/30	-	12.8	7.0	16.2
TONY GROVE LAKE	8400	1/30	-	22.7E	15.5	24.2
TONY GROVE LK SNOTEL	8400	1/30	-	23.2	16.0	25.4
TONY GROVE R.S.	6250	1/30	-	8.5E	5.9	8.9
TRIAL LAKE	9960	1/30	-	10.8E	11.3	16.1
TRIAL LAKE SNOTEL	9960	1/30	-	11.1	12.0	16.8
TROUT CREEK	9400	1/30	-	5.9E	5.4	7.0
TROUT CREEK SNOTEL	9400	1/30	-	5.6	4.7	6.9
ES VALLEY	8900	1/30	-	6.6E	7.7	7.0
		1/30	-	4.3E	5.2	7.7
		1/30	-	4.5	6.0	8.2
					-	10.1
			-	8.9E	13.8	10.9
			-	8.0	11.9	10.1
			-	7.4E	7.6	9.4
			-	6.9	8.0	9.0
			-	6.9E	7.6	6.3
			-	4.7E	9.3	7.1
			-	4.9E	8.9	7.6
			-	6.9E	5.5	7.1
			-	5.2E	7.1	6.1



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Agriculture

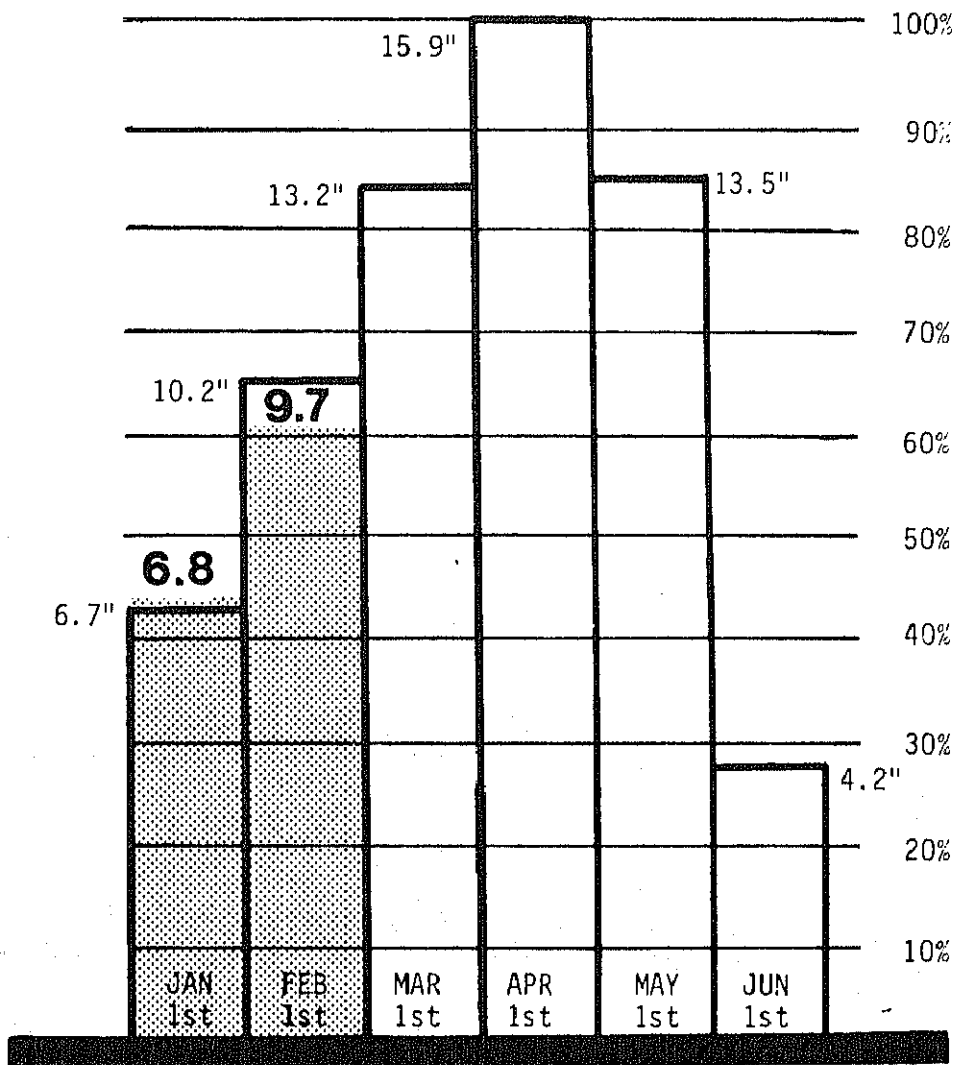
**Soil  
Conservation  
Service**

Salt Lake City,  
Utah



# Utah Snowpack Progress

## 1988



## Statewide

### NOTE :

Snow water equivalent in inches is compared to the highest seasonal amount ( 100% ). Monthly averages are accumulated by basin/state

Averages are for the period 1961-1985.

# 1989 SNOWPACK COMPARISON

1, 1989  
1 AVERAGE  
1, 1988

W A T E R   C O N T E N T   I N C H E S

16  
14  
12  
10  
8  
6  
4  
2  
0



FEBRUARY 1, 1989





# The Following Organizations Cooperate With The Soil Conservation Service In Snow Survey Work

## State

Utah State University  
Utah State Department of Natural Resources  
Division of Wildlife Resources  
Division of Water Resources  
Division of Water Rights  
Bear River Commissioner  
Price River Commissioner  
Provo River Commissioner  
Sevier River Commissioners  
Spanish Fork River Commissioner  
Utah Lake and Jordan River Commissioner

## Federal

U.S. Department of Agriculture  
Soil Conservation Service  
Forest Service  
U.S. Department of Commerce  
NOAA, National Weather Service  
U.S. Department of Interior  
Bureau of Reclamation  
Geological Survey  
National Park Service  
U.S. Army Corps of Engineers

## Municipality

Manti  
Salt Lake City

## Public

Beaver River Water Users Association  
Board of Canal Presidents - Jordan River  
Central Utah Conservancy District  
Emery Canal and Reservoir Company  
Grantsville Irrigation Company  
Grantsville Soil Conservation District  
Moon Lake Water Users Association  
Ogden River Water Users Association  
Provo River Water Users Association  
Strawberry Water Users Association  
Sevier River Water Users Association  
Weber River Water Users Association  
Weber Basin Conservancy District

Other organizations and individuals furnish  
information for the snow survey reports.  
Their cooperation is gratefully acknowledged.

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